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PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q92640

Michael INBASEKARAN, et al.

Appln. No.: 10/579,498

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: May 16, 2006

For: **CROSSLINKABLE SUBSTITUTED FLUORENE COMPOUNDS**

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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INFORMATION DISCLOSURE STATEMENT

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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Complete English translations and English language abstracts of foreign language documents are being submitted herewith, and therefore no concise explanation for such foreign language documents is required. For the purpose of avoiding confusion, it should be noted that this Information Disclosure Statement cites to JP 7-199503 and JP 9-258465, even though corresponding English Abstracts thereof were filed in a previous Information Disclosure Statement dated May 16, 2006.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: August 8, 2006

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

AUG 08 2006

Complete if Known

Application Number	10/579,498
Confirmation Number	Unknown
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First Named Inventor	Michael INBASEKARAN
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	Q92640

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of

PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 6,362,310	B1	03-26-2002	Woo et al.
		US 6,255,449	B1	07-03-2001	Woo et al.
		US 6,255,447	B1	07-03-2001	Woo et al.
		US 6,169,163	B1	01-02-2001	Woo et al.
		US 5,962,631		10-05-1999	Woo et al.
		US 5,777,070		07-07-1998	Inbasekaran et al.
		US 5,929,194		07-27-1999	Woo et al.
		US 5,728,801		03-17-1998	Wu et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	7-199503		08-04-1995	Fuji Xerox Co., Ltd.	Abstract
		JP	9-258465		10-03-1997	Canon KK	Abstract
		JP	2000-327640		11-28-2000	Mitsui Chemicals INC	Abstract
		JP	11-322679		11-24-1999	Tosoh Corp.	Abstract
		EP	0 823 669	A1	02-11-1998	Canon Kabushiki Kaisha	
		EP	0 875 947	A2	11-04-1998	Hewlett-Packard Company	

NON PATENT LITERATURE DOCUMENTS

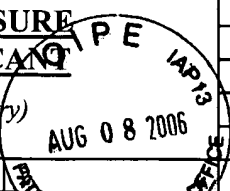
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Thomas BRAIG et al., "Crosslinkable hole-transporting polymers by palladium-catalyzed C-N-coupling reaction", Macromol. Rapid Commun., 2000, pages 583-589, vol. 21, No. 9, Wiley-VCH Verlag GmbH, D-69451 Weinheim.	
		Kevin D. BELFIELD et al., "A new blue light-emitting oligofluorene glass: synthesis characterization and photophysical properties", Journal of Physical Organic Chemistry, 2003, pages 194-201, vol. 16, Wiley Interscience.	
		Kevin D. BELFIELD et al., "Synthesis and Characterization of a Two-Photon Absorbing and Luminiscent Amino fluorenyl Polymer", Polymer Preprints, 2002, pages 104-105, vol. 43., No. 1	
		Kevin D. Belfield et al., "Two-Photon Absorption in a New Symmetrical Series of Dyphenylamino fluorene-Based Structures", Polymer Preprints, 2003, pages 1061-1062, vol. 44., No. 1	
		P.E. BURROWS et al., "Metal ion dependent luminescence effects in metal tris-quinolate organic heterojunction light emitting devices", Applied Physics Letters, 1994, pages 2718-2720, vol. 64, No. 20, American Institute of Physics.	
		Yuji HAMADA et al., "High Luminance in Organic Electroluminescent Devices with Bis(10-hydroxybenzo[h]quinolinato)beryllium as an Emitter", Chemistry Letters, 1993, pages 905-906, The Chemical Society of Japan	

Examiner Signature

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			<i>Complete if Known</i>	
			Application Number	10/579,498
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			First Named Inventor	Michael INBASEKARAN
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			Examiner Name	Unknown
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FOREIGN PATENT DOCUMENTS							
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Yuji HAMADA et al., "Organic Electroluminescent Devices with Bright Blue Emission", Optoelectronics-Devices and Technologies, 1992, pages 83-93, vol. 7, No. 1, MITA Press.	
		Junji KIDO et al., "Blue Electroluminescent 1,2,4-Triazole Derivative", Chemistry Letters, 1996, pages 47-48.	
		Masayoshi YOSHIDA et al., "Three-layered multicolor organic electroluminescent device", Applied Physics Letters, 1996, pages 734-736, vol. 69, No. 6, American Institute of Physics.	
		Xiao-Chang LI et al., "Synthesis and Optoelectronic Properties of Aromatic Oxadiazole Polymers", Journal of Chemical Society, Chemical Commun., 1995, pages 2211-2212.	
		Y. YANG et al., "Electron injection polymer for polymer light-emitting diodes", Journal of Applied Physics, 1995, pages 4807-4809, vol. 77, No. 9, American Institute of Physics.	
		Marko STRUKELJ et al., "Design and Application of Electron-Transporting Organic Materials", Science, 1995, pages 1969-1972, vol. 267.	
		Takakazu YAMAMOTO et al., "Polymer Light-Emitting Diodes with Single- and Double-Layer Structures Using Poly(2,3-diphenylquinoxaline-5,8-diyl)", Japan Journal of Applied Physics, 1994, pages L250-L253, vol. 33, Part 2, No. 2B.	
		D. O'Brien et al., "Electroluminescence applications of a poly(phenyl quinoxaline)", Synthetic Metals, 1996, pages 105-108, vol. 76, Elsevier Science S.A.	
		M.S. WEAVER et al., "Recent progress in polymers for electroluminescence: microcavity devices and electron transport polymers", Thin Solid Films, 1996, pages 39-47, vol. 273, Elsevier Science S.A.	
		Masahiko FUKUDA et al., "Fusible Conducting Poly(9-alkylfluorene) and Poly(9,9-dialkylfluorene) and Their Characteristics", Japanese Journal of Applied Physics, 1989, pages L1433-L1435, vol. 28, No. 8.	
		Michael S. BAYER et al., "Crosslinkable hole-transport materials for preparation of multilayer organic light emitting devices by spin-coating", Macromol. Rapid Commun., 1999, pages 224-228, vol. 20, No. 4, Wiley-VCH Verlag GmbH, D-69451 Weinheim.	

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